

Late-Filed Exhibit – Witness Elizabeth Chant’s CV



ELIZABETH CHANT, MANAGING CONSULTANT

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PROFESSIONAL EXPERIENCE

Optimal Energy, Hinesburg, VT; *Managing Consultant*, 2018-present.

Ms. Chant is leading Optimal's business development processes in addition to continuing project work on equity issues in the sustainable energy industry, including low-income programs, the health and housing nexus, and financial models to monetize the co-benefits of efficiency.

Vermont Energy Investment Corporation, Burlington, VT; *Principal Consultant*, 2010-2018.

Ms. Chant led VEIC's sustainable energy policy and programming related to low-income people and multifamily buildings. Most recently, she co-led the team that explored the use of commercial PACE for affordable multifamily housing (2018). She was responsible for the development of VEIC's original winning proposal and its rebid to provide services as the Washington, DC, Sustainable Energy Utility (DCSEU) in 2010 and 2016. She was part of the launch team for the DCSEU as the first Multifamily Program Manager. She was part of the R&D team on the nation's first public-purpose energy services company, Commons Energy (2014), a financing and program delivery model that is a variation of a traditional ESCO. Ms. Chant provided expert testimony in front of the Nova Scotia Utility and Review Board (2015), and was subsequently invited back to keynote a conference held by the Nova Scotia Department of Energy.

CVOEO Weatherization, Burlington, VT; *Weatherization Director*, 2002-2010.

At CVOEO Weatherization, Ms. Chant directed a staff of 30 auditors and crew members to weatherize low-income homes in Vermont. In her first years there, she improved productivity of the organization by more than 40%, ensuring that program dollars went as far as possible to serve Vermont's low-income people. This readied the organization for a doubling of production in the final two years of her tenure, as a result of American Recovery and Reinvestment Act.

Vermont Energy Investment Corporation, Burlington, VT; *Multifamily Program Manager*, 1997-2002.

Ms. Chant designed, developed, and directed the Residential Energy Efficiency Program, an award-winning and innovative statewide offering to implement energy efficiency as a strategy for the preservation of affordable multifamily housing. Subsequently, she was involved in VEIC's original bid to become Efficiency Vermont, the nation's first energy efficiency utility. She launched Efficiency Vermont's multifamily programs, which were rated exemplary by ACEEE.

CVOEO Weatherization, Burlington, VT; *Administrative Coordinator*, 1995-1997.

This was Ms. Chant's entrée into energy efficiency for low-income people. She was responsible for income verification of clients, data management, and fiscal reporting for multiple funding sources.

EDUCATION

Georgetown University, Washington, DC

Bachelor of Science in Business Administration with honors, Finance Concentration, 1982

REPRESENTATIVE PROJECT EXPERIENCE

Energy Efficiency for All (a project of Elevate Energy, Energy Foundation, National Housing Trust, and Natural Resources Defense Council), 2017-18.

Co-Principal Investigator, exploring the use of commercial Property-Assessed Clean Energy Financing (C-PACE) for affordable multifamily housing in the U.S. Identified all examples of use of C-PACE to date, and explored the policy and financial factors helped or hindered implementation and use of C-PACE for efficiency financing.

Maine Office of Public Advocate (ME OPA), Technical Advisor, 2016-18.

Reviewed Efficiency Maine plans and programs for ME OPA; participated in hearings and workshops before the Maine Public Service Commission with ME OPA.

Energy Action Centre, Testimony before the Nova Scotia Utility and Review Board (NS UARB) on Efficiency One Three-Year Plan, 2015.

Developed and provided testimony before the NS UARB on the proposed budget and plan for Efficiency Nova Scotia's Triennial Plan.

The Business Plan for a Public Purpose ESCO, supported by the MacArthur Foundation, the Kresge Foundation, and High Meadows Fund, 2013-14.

Co-principal Investigator to develop the model and business case for a public-purpose energy services company, focused on energy improvements in the

REPRESENTATIVE PUBLICATIONS

Chant, E., and Huessy, F. 2018. "Justice for All: Measures of Equity for Low-Income Programs."

Proceedings of the 2018 ACEEE Summer Study on Energy Efficiency in Buildings. Washington, DC: American Council for an Energy-Efficient Economy (ACEEE).

Adamczyk, P., Chant, E., Morse, S., and Calahane, K. 2018. *Commercial PACE for Affordable Multifamily Housing*. Washington, DC: Energy Efficiency for All.

<https://energyefficiencyforall.org/sites/default/files/Report%20CPACE%20for%20Affordable%20Multifamily%20Housing.pdf>.

Chant, E., Schaaf, R., and Ast, T. 2016. "Swiftly and Massively: Moving 115,000 Units of Multifamily Affordable Housing to Higher Efficiency." *Proceedings of the 2016 ACEEE Summer Study on Energy Efficiency in Buildings*. Washington, DC. 2:1-12.

https://aceee.org/files/proceedings/2016/data/papers/2_203.pdf.

Chant, E. 2015. "In the Matter of EfficiencyOne Application for Approval of a Supply Agreement for Electricity Efficiency and Conservation Activities between EfficiencyOne and Nova Scotia Power, Inc.," Direct Evidence on Behalf of Ecology Action Centre, Nova Scotia Utility and Review Board, M06733. <https://www.veic.org/docs/resourcelibrary/Nova-Scotia-Testimony-6-11-2015.pdf>.

Chant, E., Adamczyk, P., Barash, D., and Sachs, B. 2014. "Looks Like Finance, but It's All about Solutions: The Public-Purpose ESCO Enterprise Model." ACEEE Summer Study on Energy Efficiency in Buildings. Washington, DC. 2014: 6-26 – 6-35.

<https://aceee.org/files/proceedings/2014/data/papers/6-537.pdf>.

Chant, E. 2014. "Public Purpose ESCO for Multifamily Affordable Housing," ACEEE Energy Efficiency Finance Forum. <https://aceee.org/conferences/2014/eeff-program> (1B-Chant.pdf).

Chant, E., and Barash, D. 2013. Deep Energy Savings in the Buildings We All Use—The Public-Purpose ESCO Model. VEIC, Vermont. <https://www.ppescohowto.org/Media/Default/resources/PPESCO-Deep-Energy%20Savings.pdf>.